

**Nixon Peabody LLP**

Attorneys at Law

Suite 900  
401 9th Street, N.W.  
Washington, D.C. 20004-2128  
(202) 585-8000  
Fax: (202) 585-8080

**PRIVILEGE AND CONFIDENTIALITY NOTICE**

The information in this fax is intended for the named recipients only. It contains privileged and confidential matter. If you have received this fax in error, please notify us immediately by a collect telephone call to (202) 585-8000 and return the original to the sender by mail. We will reimburse you for postage. Do not disclose the contents to anyone. Thank you.

**FAX**

To:	Company	Fax #:	Telephone #:
1) Wynette Stapor	TC 2800 -Cust.Service Off.	(703) 746-6880	(703) 306-5720
2)			
3)			
4)			
5)			

INTERNATIONAL PHONE NUMBERS MUST INCLUDE COUNTRY &amp; CITY CODE. SEE LOCAL WHITE PAGES FOR CODES NEEDED.

<b>From:</b> Jerome W. Massie	<b>Date:</b> October 21, 2003	<b>No. of Pages:</b> ____ (including this page)	<b>Application No:</b> 09/197,534
<b>Comments:</b> <b>Ms. Stapor:</b> <b>We have filed a letter today (copy attached) requesting consideration of three IDS documents previously filed.</b>  <b>After retrieval of the the application from Office of Publications, please match with the file and deliver to the examiner for consideration of the letter.</b>  <b>If you have any questions or comments, please do not hesitate to contact me. Thank you for your assistance in this matter.</b>  <b>Jerome Massie</b> <b>(202) 585-8000</b>			

Original of the transmitted document will be sent by:  
☐ First Class Mail    ☐ Overnight Mail    ☐ Hand Delivery    ☐ This transmission will be the only form of delivery of this document

<b>From:</b> Jerome W. Massie	<b>Date:</b> October 21, 2003	<b>No. of Pages:</b> ____ (including this page)	<b>Client/Matter:</b> 740756-1894
<b>User #:</b> 2039	<b>Ext:</b> 9362	<b>Disbursement Amount:</b> \$	

**RECEIVED**

OCT 21 2003

Technology Center 2800

NVA279987.1

Received from &lt; &gt; at 10/21/03 3:54:28 PM [Eastern Daylight Time]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

This will acknowledge receipt of the following:

1. REQUEST FOR ACKNOWLEDGEMENT OF INFORMATION DISCLOSURE STATEMENTS

In re Patent Application of:

Inventors: Shunpei YAMAZAKI et al.

Serial No.: 09/197,534

Filed: November 23, 1998

Title: LASER PROCESS

Due Date: N/A

Docket No. 740756-1894 JLC/8683

JLC/JM/dam

Date: 10/21/2003

**HAND CARRY  
PLEASE DATE STAMP AND RETURN**

**RECEIVED**

**OCT 21 2003**

**Technology Center 2800**

Docket: 740756-1894

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)
Shunpei YAMAZAKI et al.	) Group Art Unit: 2823
Serial No. 09/197,534	) Examiner: W. David Coleman
Filed: November 23, 1998	) Allowed: September 10, 2003
For: Laser Process	) Date: October 21, 2003

**REQUEST FOR ACKNOWLEDGMENT OF  
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

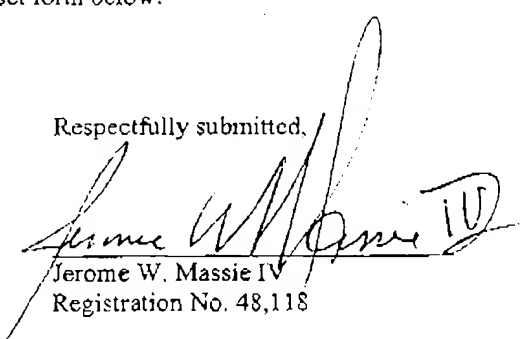
Sir.

Information Disclosure Statements with Forms PTO-1449 were filed in the above-identified patent application on June 15, 2000, December 19, 2000 and August 20, 2003. Applicants have not yet received back from the Examiner a copy of the Forms PTO-1449 initialed to acknowledge the fact that the Examiner has considered the cited disclosed information.

The Examiner is requested to initial and return to the undersigned a copy of the subject Forms PTO-1449.

Should there be any questions concerning this communication, please telephone the undersigned at the number set forth below.

Respectfully submitted,



Jerome W. Massie IV  
Registration No. 48,118

NIXON PEABODY LLP  
401 9<sup>th</sup> Street, N.W., Suite 900  
Washington D.C. 20004-2128  
(202) 585-8000  
(202) 585-8080 (FAX)

**RECEIVED**

OCT 21 2003

Technology Center 2800

NVA279925.1

Received from &lt; &gt; at 10/21/03 3:54:28 PM [Eastern Daylight Time]

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/197,534
				Filing Date	November 23, 1998
				First Named Inventor	Shunpei YAMAZAKI et al.
				Att. Unit	2823
				Examiner Name	William D. Coleman
Sheet	1	of	1	Attorney Docket Number	740756-1894

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1 <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>3</sup> Kind Code <sup>2</sup> (if known)				
		JP 2-187294	07/23/1990	KAJIKAWA		AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
		Itoga et al. "Laser Re-Crystallization Utilizing Beam Homogenizing Optical System" Japan Society of Applied Physics, Proceedings of 48 <sup>th</sup> Annual Meetings, 2 <sup>nd</sup> Part, 18 p-6-N-6, P. 537 (1987)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

RECEIVED

OCT 21 2003

Technology Center 2800

NYA274953.1

Received from &lt; &gt; at 10/21/03 3:54:28 PM [Eastern Daylight Time]



Submitted with IDS on June 15, 2000

Sheet 1 of 4

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 0756-1894		Serial No. 09/197,534	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Applicant Shunpei Yamazaki et al.			
				Filing Date November 23, 1998		Group 2674	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	3,667,832	06/72	Kitano et al.				
	4,436,557	03/13/84	Wood et al.				
	4,475,027	10/02/84	Pressley				
	4,484,374	11/84	Pressley				
	4,497,915	01/29/85	Kanno et al.				
	4,546,009	10/08/85	Tiedje et al.				
	4,662,708	05/05/87	Bagdal				
	4,733,944	03/29/88	Fahien et al.				
	4,769,750	09/06/88	Matsumoto et al.				
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	176715	03/89	Japan			Abst.	
	220681	01/24/90	Japan			Abst.	
	2-73623	03/13/90	Japan			Full	
	1187814	07/27/89	Japan			Abst.	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Pennington, K.S. et al., "CCD Imaging Array Combining Fly's Eye Lens with TDI for Increasing Light-gathering Ability", IBM Technical Disclosure Bulletin, Vol. 21, No. 2, July 1978, pp. 857-858.						
	"Crystallization of Amorphous Silicon by Excimer Laser Annealing with a Line Shape Beam Having A Gaussian Profile", Young Min Jhon et al., Jpn. J. Appl. Phys. Vol. 33 (1994), pp. 1438-1441						
	"Enlargement of Poly-Si Film Grain Size by Excimer Laser Annealing and its Application to High-Performance Poly-Si Thin Film Transistor", Hiroyuki Kuriyama et al., Jpn. J. App. Phys., Vol. 30, No. 12B, December, 1991, pp. 3700-3703.						
	"Formation of p-n Junctions and Silicides in Silicon Using a High Performance Laser Beam Homogenization System", M. Wagner et al., Applied Surface Science 43 (1989), pp. 260-263.						
Examiner				Date Considered			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Submitted with IDS on June 15, 2000

Sheet 2 of 4

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 0756-1894		Serial No. 09/197,534	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Applicant Shunpei Yamazaki et al.			
				Filing Date November 23, 1998		Group 2874	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	4,851,978	07/89	Ichihara				
	4,884,869	12/05/89	Uemura				
	4,943,733	07/24/90	Nori et al.				
	4,970,366	11/13/90	Imatou et al.				
	4,997,250	03/05/91	Ortiz				
	5,028,558	07/91	Heisma et al.				
	5,095,386	03/92	Schneidengraber				
	5,097,291	03/92	Suzuki				
	5,225,924	07/93	Ogawa et al.				
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	1239837	12/18/89	Japan			Abst.	
	2255292	07/01/91	Japan			Abst.	
	2294027	12/05/90	Japan			Abst.	
	3-286518	12/17/91	Japan			Full	
	04-307727	10/29/92	Japan			Abst.	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
	"Improving the Uniformity of Poly-Si Films Using a New Excimer Laser Annealing Method for Giant-Microelectronics", Hiroyuki Kuriyama et al., Jpn. J. Appl. Phys. Vol. 31, Part 1, No. 12B, December 1992, pp. 4450-4554.						
	"Lateral Grain Growth of Poly-Si Films with a Specific Orientation by an Excimer Laser Annealing Method", Hiroyuki Kuriyama et al., Jpn. J. Appl. Phys. Vol. 32 (1993), Pt. 1, No. 12B, pp. 6190-6195.						
	"P-2B: 3.7-in.-Diagonal STN-LCD with Stripe Electrode Patterns Fabricated by an Excimer-Laser Scribing System" I. Konuma et al., Semiconductor Energy Laboratory Co., Ltd., 550. SID 93 Digest.						
	"Poly-Si by Excimer Laser Annealing with Solidification Process Control", Shigeru Noguchi et al., C-11, Vol. 376-C-11, No. 5, 1993, pp. 241-248.						
Examiner				Date Considered			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Submitted with IDS on June 15, 2000

Sheet 3 of 4

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 0756-1894		Serial No. 09/197,534	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				Applicant Shunpei Yamazaki et al.			
				Filing Date November 23, 1998		Group 2874	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
		5,232,674	08/93	Mukai et al.			
		5,236,865	08/17/93	Sandhu et al.			
		5,263,250	11/93	Nishiwaki et al.			
		5,304,357	04/19/94	Sato et al.			
		5,307,207	04/26/94	Ichihara			
		5,372,836	12/13/94	Imahashi et al.			
		5,413,958	05/09/95	Imahashi et al.			
		5,432,122	07/11/95	Chee			
		5,456,009 s/b 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000					
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
		5945089	03/13/84	Japan			Abst.
		64-16715	03/22/89	Japan			Full
		5-8127318	10/20/83	Japan			Abst.
		5-8191420	02/07/84	Japan			Abst.
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Enlargement of Poly-Si film Grain Size by Excimer Laser Annealing and its Application to High-performance Poly-Si Thin Film Transistor", Hiroyuki Kuriyama et al., Jpn. J. App. Phys., Vol. 30, No. 12B, December, 1991, pp. 3700-3703.					
Examiner				Date Considered:			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



